

CONTAMINATION POTENTIAL
(MANUAL FOR EVALUATING CONTAMINATION POTENTIAL OF SURFACE IMPOUNDMENTS) 419301ORIGINAL
(Red)

NAME/LOCATION ROUTE 7 CHEMICAL DUMP
ADDRESS ELKTON; CECIL CO.; MARYLAND
NPDES# _____ SIC 348 LAT. 39 36 10 LONG. 75 53 30
THE CONTAMINATION POTENTIAL IS LOW MODERATE HIGH VERY HIGH
NO. OF SITES 1 AGE — LINER — THICKNESS — AREA —
UNSATURATED ZONE 9E-B WATER QUALITY 5-B GROUNDWATER AVAILABILITY 6-B
HAZARD OF CONTAMINANT 7-B TOTAL GROUNDWATER CONTAMINATION POTENTIAL 27
ENDANGERMENT TO CURRENT WATER SUPPLIES 8B-B MONITORING WELLS 0
FREQUENCY OF MONITORING — SIGNIFICANT CHANGES IN GROUNDWATER —
ADVERSELY —

REMARKS: References: Cecil, Kent, and Queen Annes Counties Water Resources.

The site is underlain by the Potmac Group, which consist characteristically of sand and clay. Since this site is a former gravel pit, the unsaturated zone is rated on this basis. Also, since the topographic map indicates water in the bottom of the pit, the water table is at the surface, and the saturated zone is approximately 150 feet.

Ground water is expected to flow in the direction of Mill Creek. Since ground water in the area is used for drinking water, it is expected that the water quality is excellent.

The hazard of contaminant comes from the SIC code, for Ammunition.

Because of the proximity to Mill Creek, it is not expected that there are any water supply wells nearby that would be affected by this site. There do not appear to be any other surface impoundments or injection wells in the areas.

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